

Application No. 09/647,981
Amtd. dated May 13, 2005
Reply to Office Action of 11/17/04

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Amendments to the Claims:

1. (Currently amended) A method of generating an HIV-specific cytotoxic T-cell (CTL) response in a host, which comprises:

administering to the host a T-helper molecule to prime T-helper cells of the immune system of the host, and

subsequently administering to the host a mixture of said T-helper molecule and a T-cell inducing HIV-derived molecule to generate an HIV-specific T-cell response in the host, said T-cell inducing HIV-derived molecule being a peptide corresponding to a portion of an HIV-1 antigen and containing at least one T-cell epitope.

2. (Original) The method of claim 1 wherein said T-helper molecule is selected from HLA class II restricted T-helper epitopes.

3. (Original) The method of claim 2 wherein said T-helper epitopes are selected from the group consisting of DP, DR and DQ-specific T-cell epitopes.

4. (Original) The method of claim 2 wherein said T-helper molecule is CLP-243 (SEQ ID NO:10).

5. (Original) The method of claim 1 wherein said T-helper molecule is administered with an adjuvant.

6. (Cancelled)

7. (Currently amended) The method of claim 1 ~~claim 5~~ wherein said peptide corresponds to sequences of the Rev protein of HIV-1.

8. (Currently amended) The method of claim 1 ~~claim 6~~ wherein said peptide is a lipopeptide.

9. (Original) The method of claim 8 wherein the lipid is palmitoyl or cholesterol.

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10. (Original) The method of claim 7 wherein said lipopeptide is CLP-175 or CLP-176.

11. (Currently amended) The method of claim 1 claim 6 wherein said mixture is administered with an adjuvant.

12. to 15. (Cancelled)